

Notice of Allowability

Application No.

09/718,247

Examiner

Huy D. Nguyen

Applicant(s)

HERMANN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/20/2005.
2. ☒ The allowed claim(s) is/are 9,10,13-18,21-25,27,29,31-33,35-37,39 and 40.
3. ☒ The drawings filed on 22 November 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mike Scaturro on 4/11/2005.

The application has been amended as follows:

Claim 17, line 9: after "terminal", the following language has been deleted: "[NOTE TO EXAMINER: I don't know if I am reading this clause wrong but it doesn't make sense to me, namely, "subsequent to a reception of the first message", shouldn't it read, "subsequent to the transmission of the first message"]"

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 9, 17, 25, 29, 33, 37, the prior art fails to teach that the terminal is operable to transmit an acknowledge command to said radio network controller, said acknowledge command for preventing the radio network controller from re-transmitting the first message after a specified period of time; and that the radio network controller is operable to transmit a third message to said wireless terminal immediately upon reception of the second message by said radio network controller, the third message being indicative of a deciphering by said radio network controller of the second message with the new cipher key wherein the third

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message is coded with the new cipher key as an indication that said radio network controller deciphered the second message with the new cipher key,

in combination with all other limitations which are a wireless network, comprising: a radio network controller; and a wireless terminal, wherein said radio network controller is operable to transmit a first message to said wireless terminal, the first message being indicative of an initiation of a cipher key change; wherein said wireless terminal is operable to transmit a second message to said radio network controller subsequent to a reception of the first message by said wireless terminal, the second message being coded with a new cipher key as an acknowledgement of the cipher key change by said wireless terminal.

Claims 10, 13-16 depend on claim 9. Therefore, they are allowable.

Claims 18, 21-24 depend on claim 17. Therefore, they are allowable.

Claims 27 depends on claim 25. Therefore, it is allowable.

Claims 31-32 depend on claim 29. Therefore, they are allowable.

Claims 35-36 depend on claim 33. Therefore, they are allowable.

Claims 39-40 depend on claim 37. Therefore, they are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Contact Information

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy D. Nguyen whose telephone number is 571-272-7845. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Huy Nguyen



JOSEPH FEILD
SUPERVISORY PATENT EXAMINER